

FIG. 1

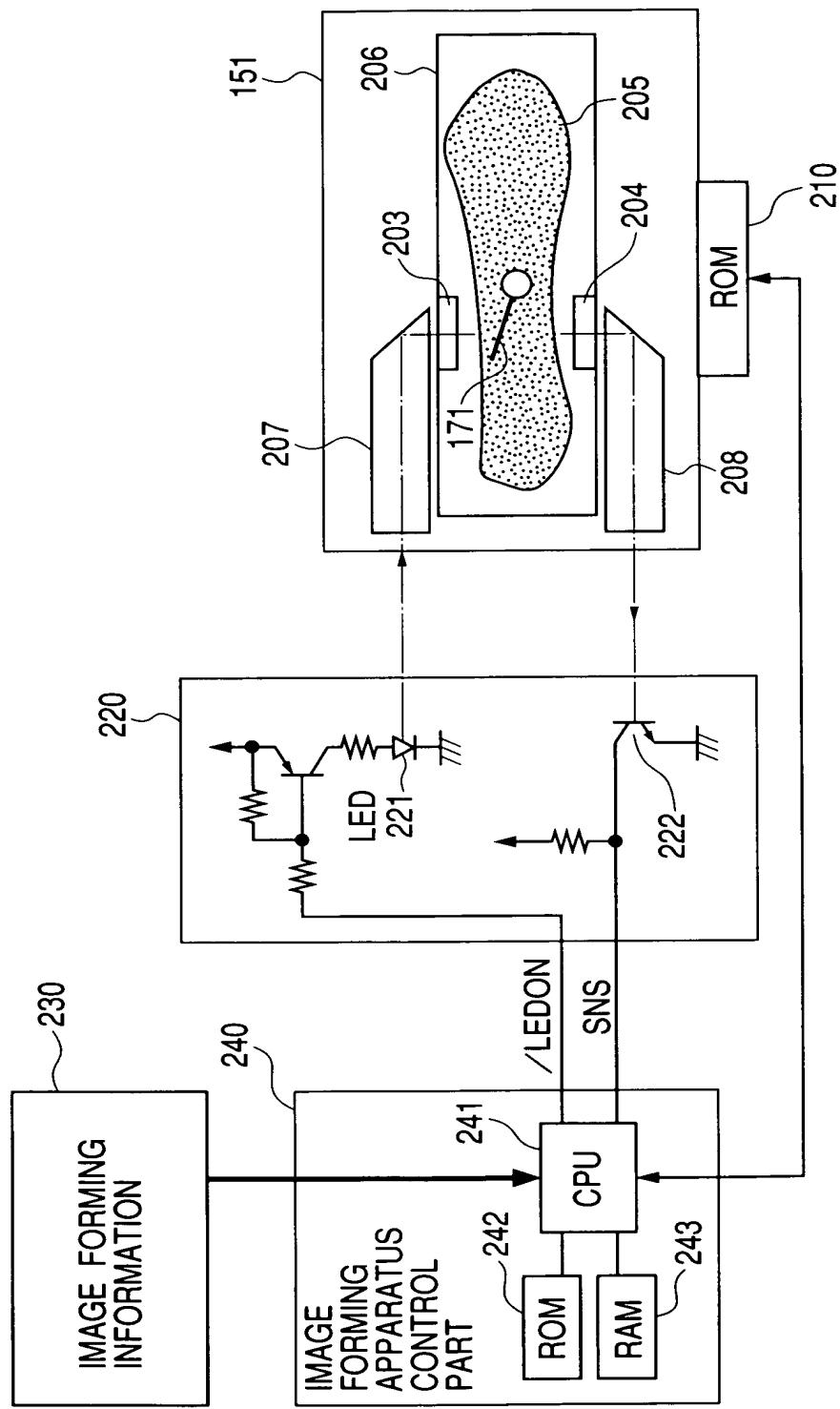
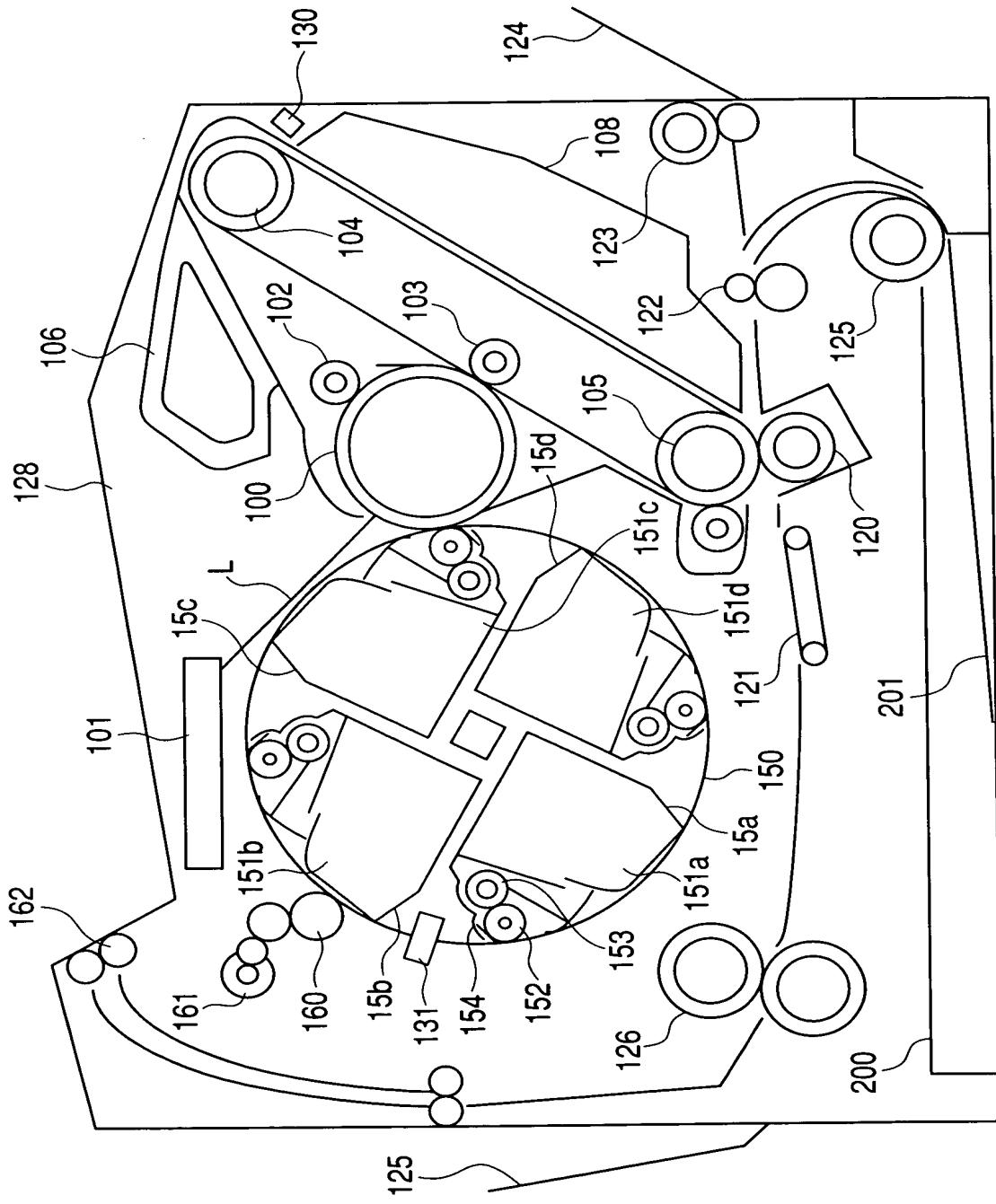


FIG. 2



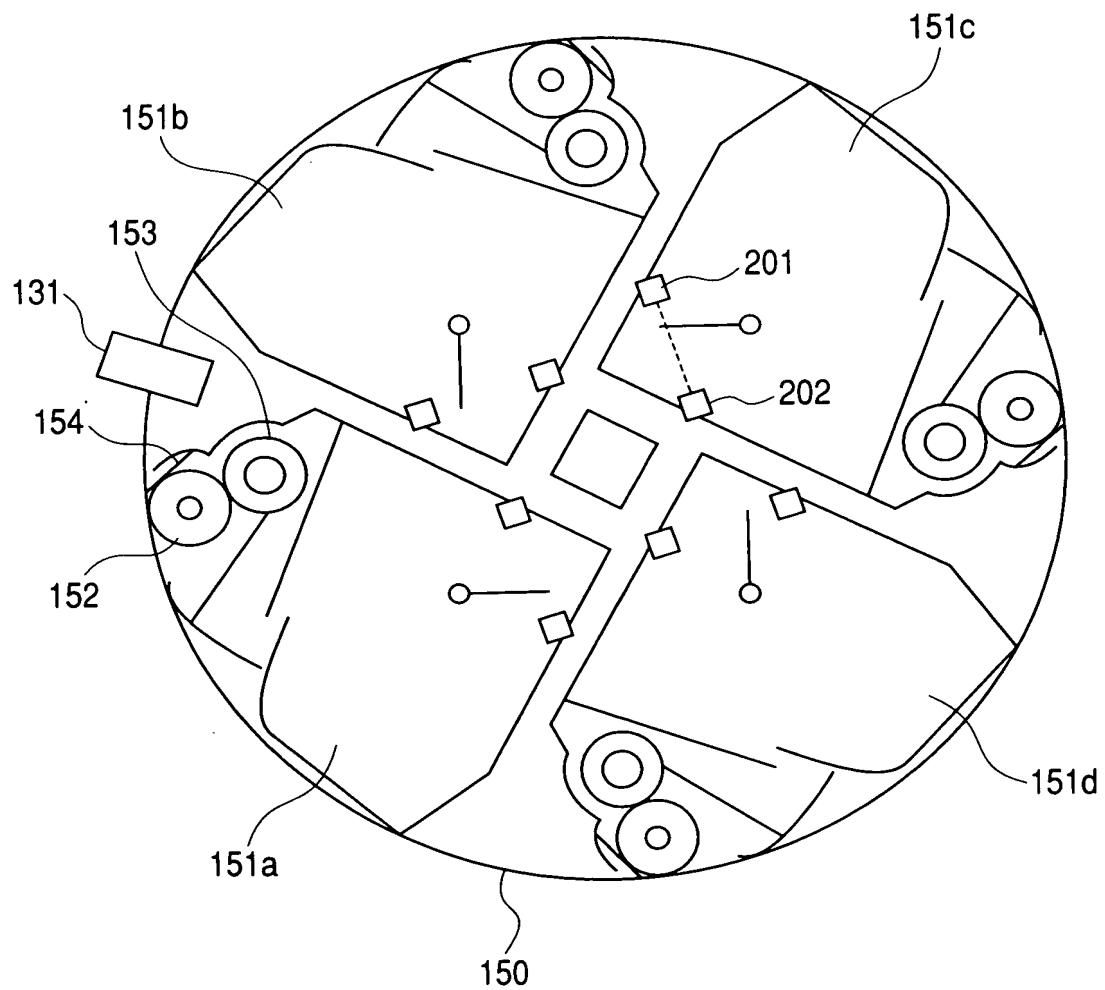
***FIG. 3***

FIG. 4

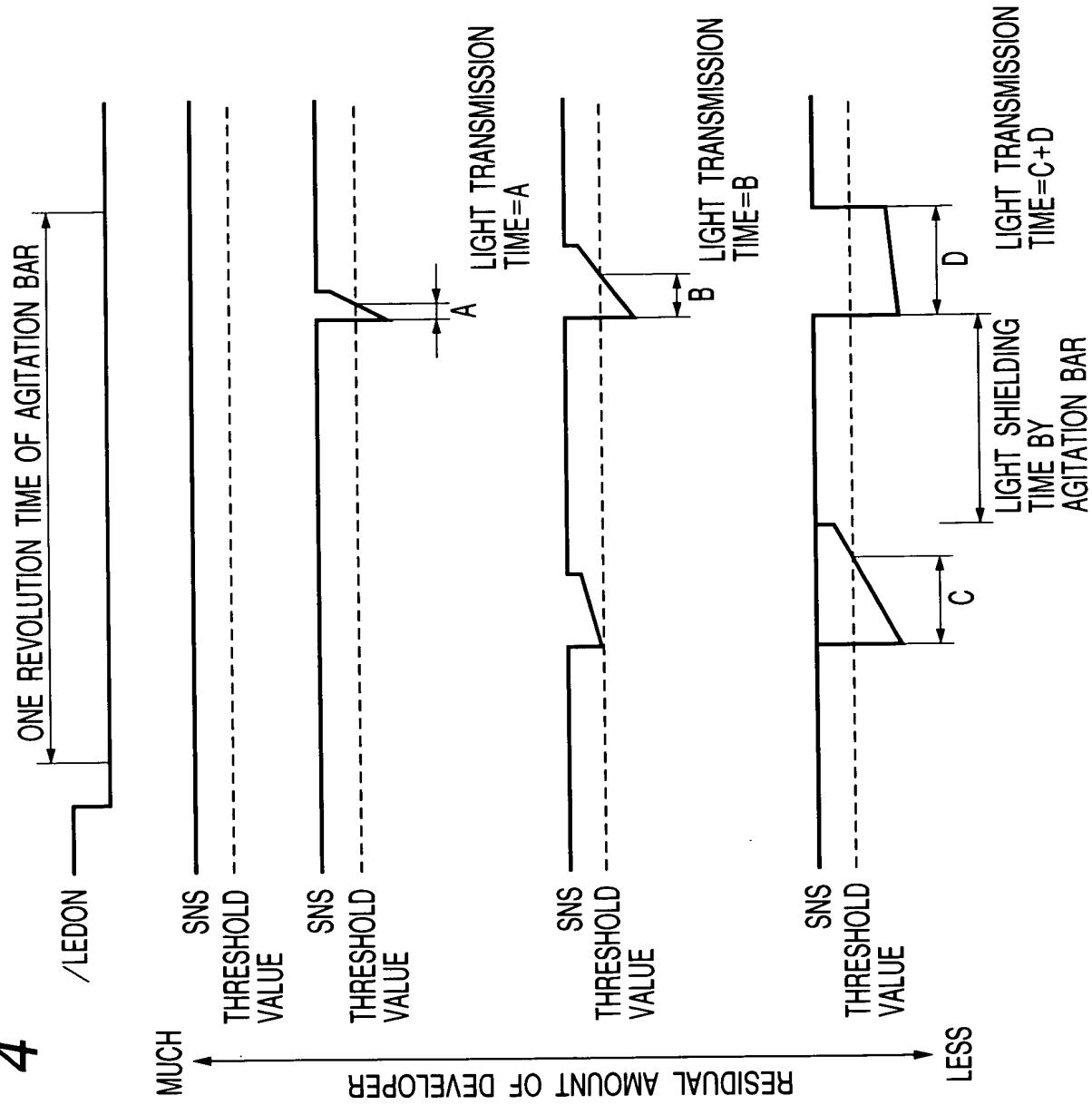


FIG. 5

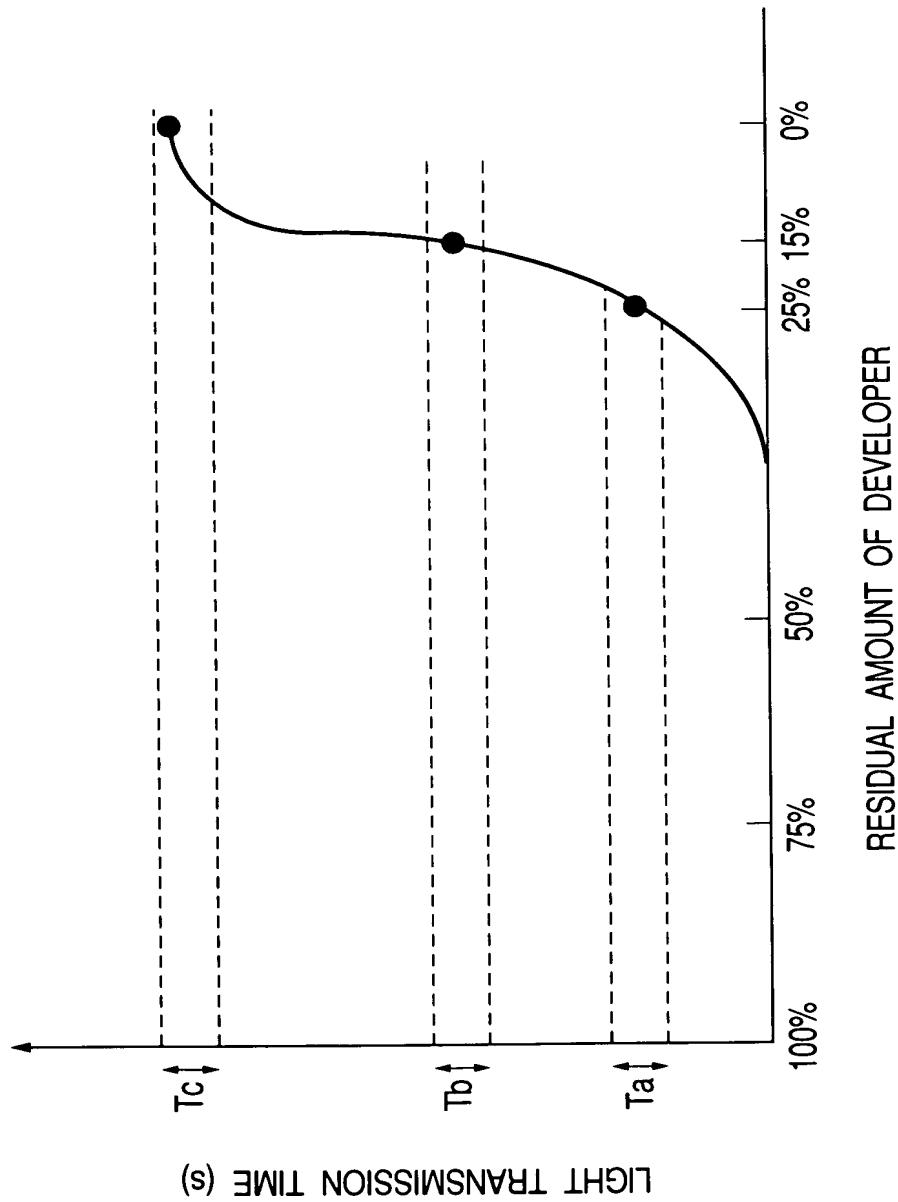


FIG. 6

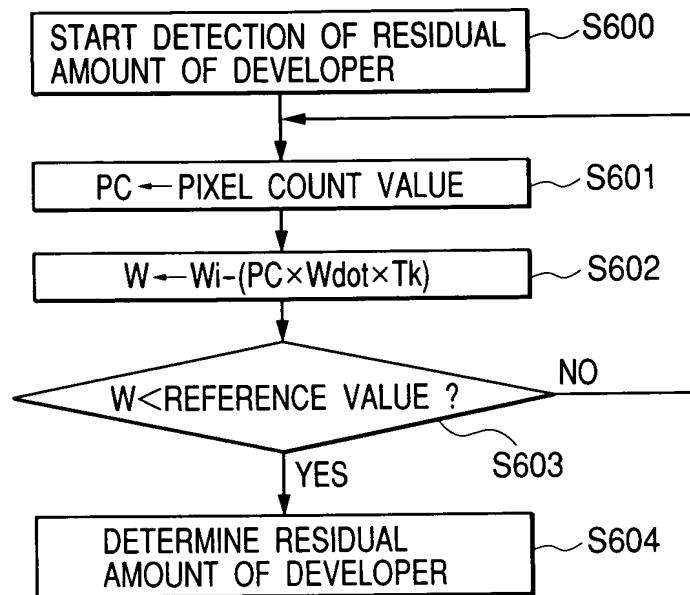
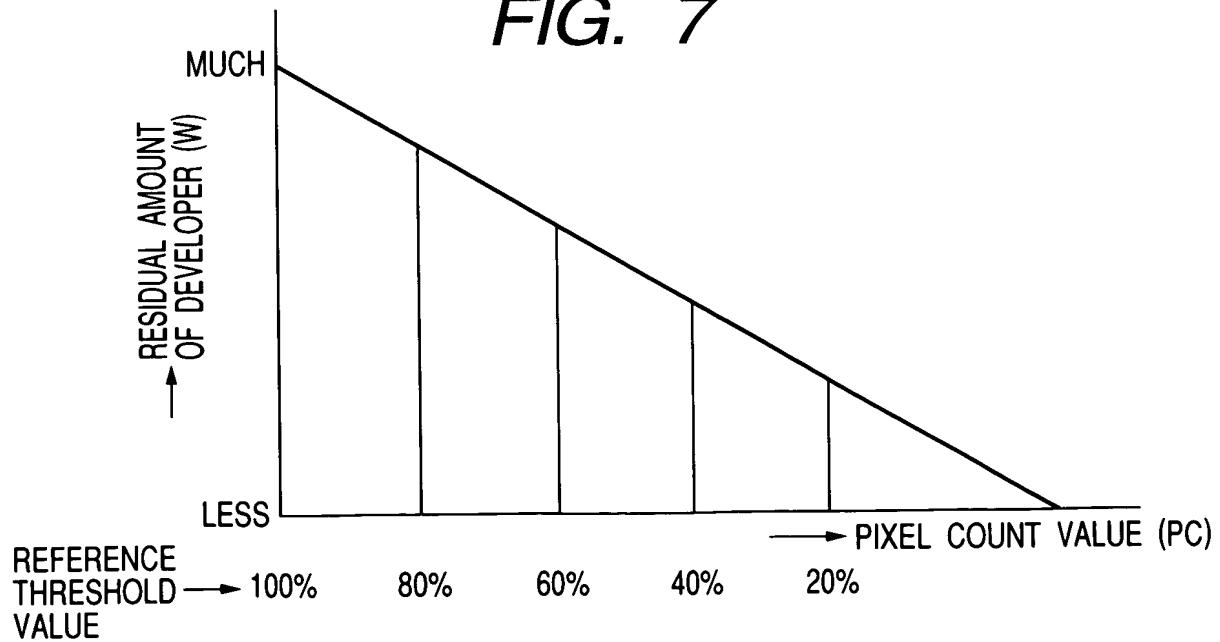


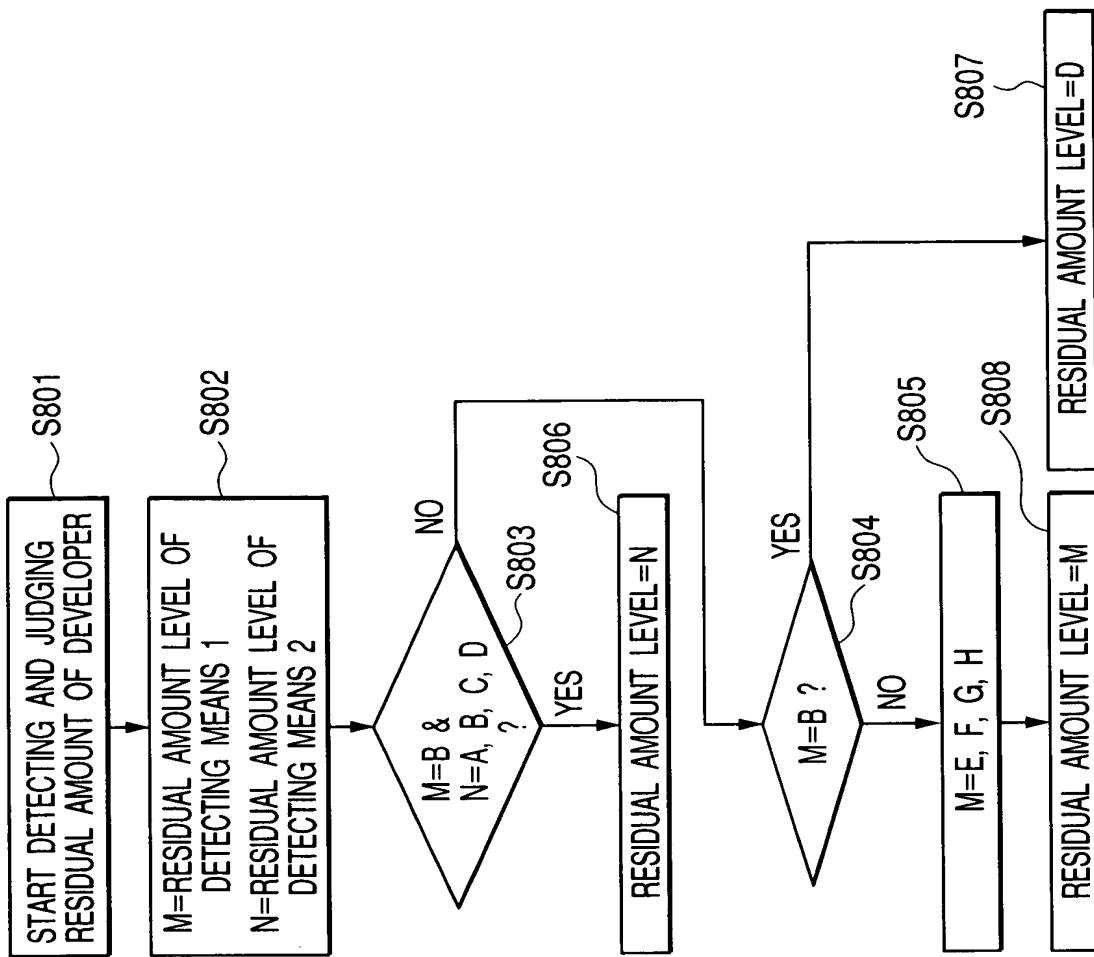
FIG. 7



*FIG. 8A*

RESIDUAL AMOUNT LEVEL	OPTICAL DETECTION METHOD OF DEVELOPER AMOUNT	PRESUMPTION DETECTION METHOD OF DEVELOPER AMOUNT
A	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	100%
B		80%
C		60%
D		40%
E		30%
F		20%
G		10%
H		0%

*FIG. 8B*



**FIG. 9A**

RESIDUAL AMOUNT LEVEL	OPTICAL DETECTION METHOD OF DEVELOPER AMOUNT	PRESUMPTION DETECTION METHOD OF DEVELOPER AMOUNT
A		100%
B	M=B	80%
C		60%
D	40%	40%
E	30%	
F	25%	
G	15%	
H	10%	
	5%	
	0%	

**FIG. 9B**

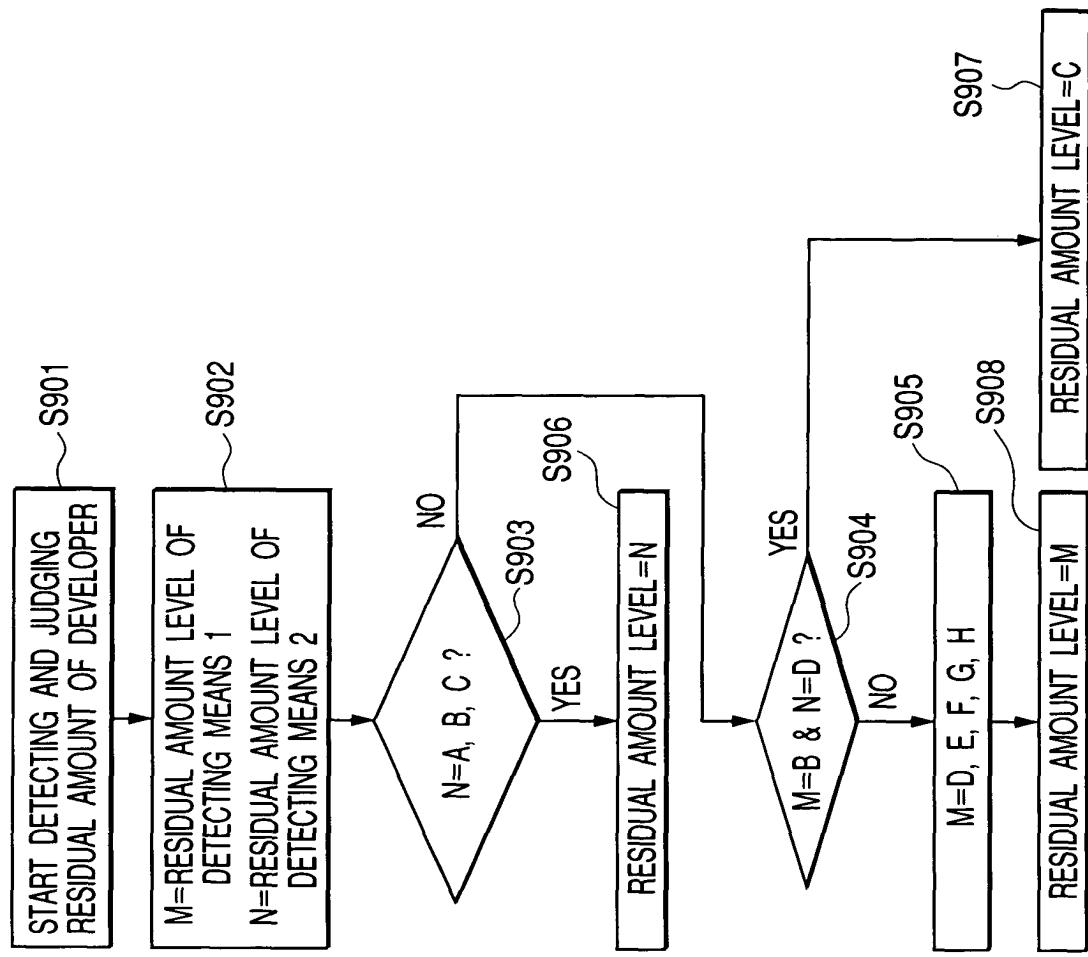


FIG. 10

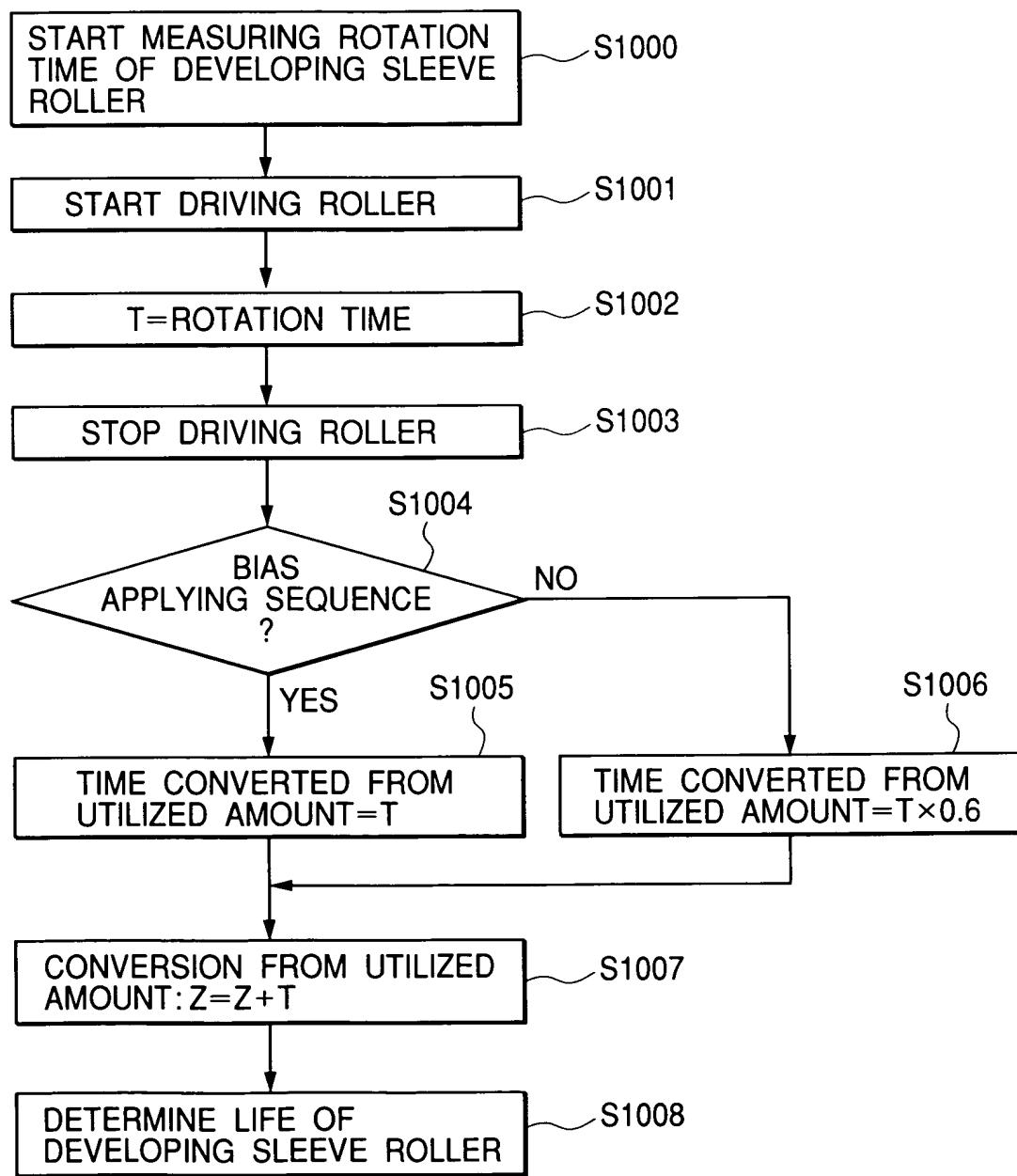
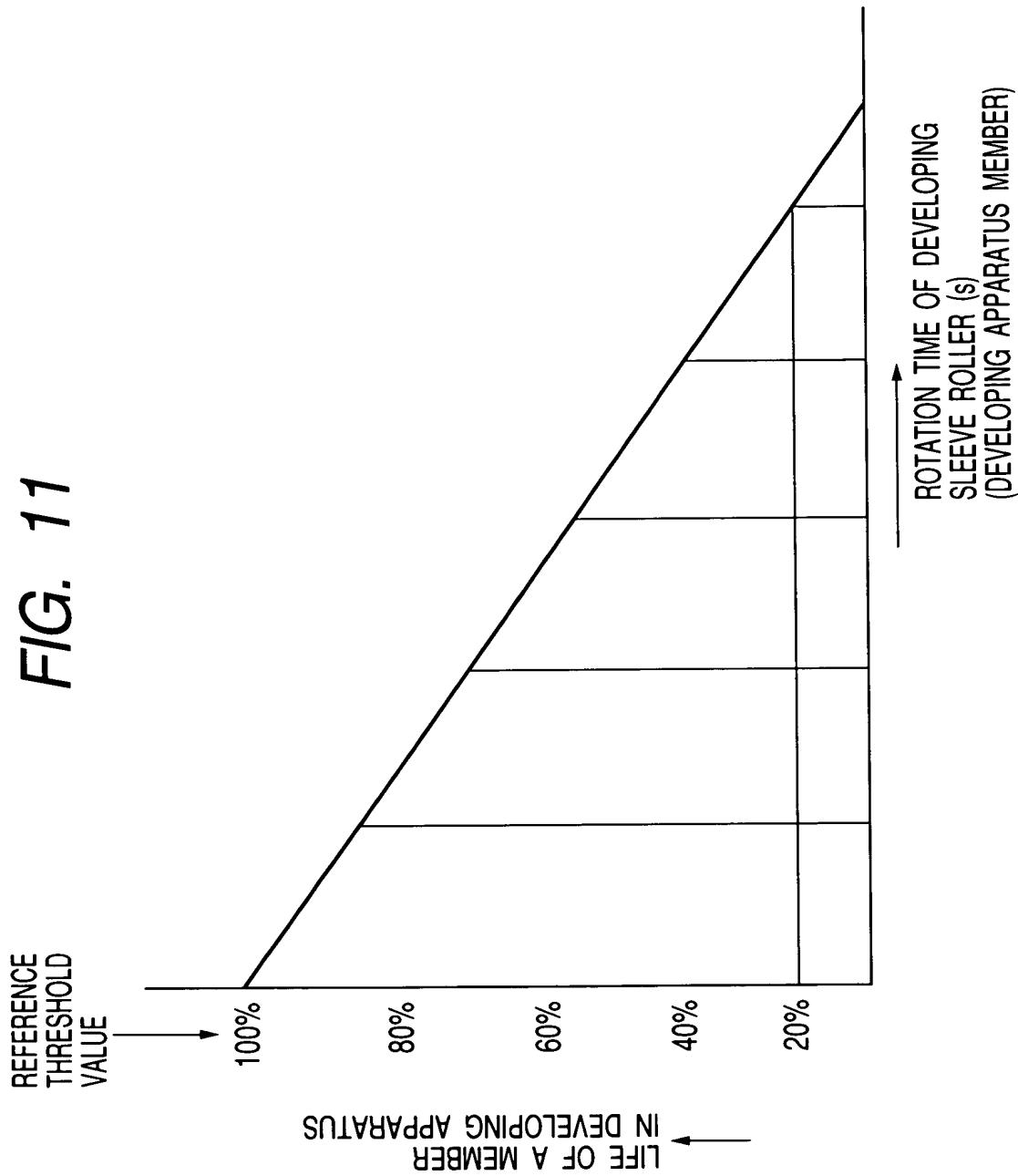


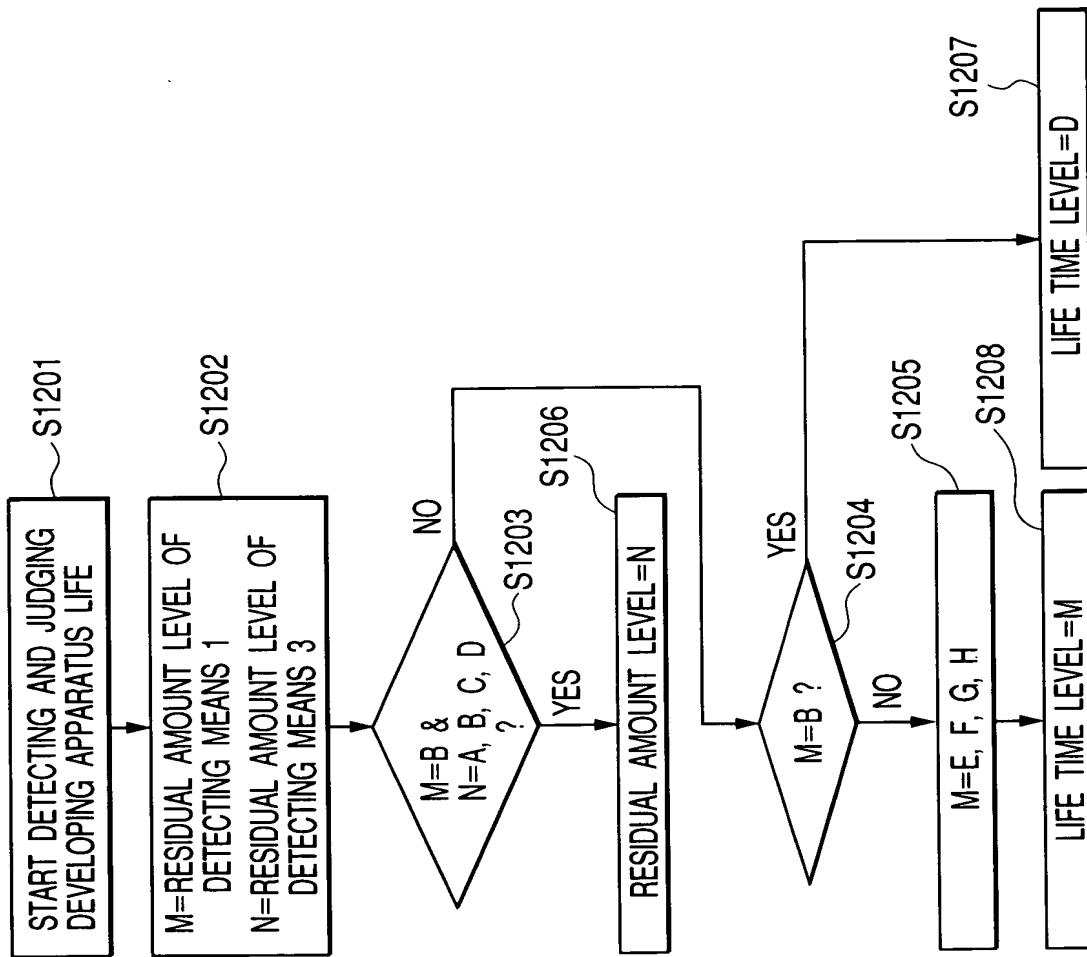
FIG. 11



**FIG. 12A**

RESIDUAL AMOUNT LEVEL	OPTICAL DETECTION METHOD OF DEVELOPER	UTILIZED AMOUNT DETECTING METHOD OF DEVELOPER BEARING BODY
A	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	100%
B	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	80%
C	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	60%
D	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	40%
E	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	30%
F	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	20%
G	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	10%
H	KEEP LEVEL B BECAUSE OF RESIDUAL AMOUNT DETECTION INABILITY	0%

**FIG. 12B**



*FIG. 13A*

RESIDUAL AMOUNT LEVEL	OPTICAL DETECTION METHOD OF DEVELOPER AMOUNT	UTILIZED AMOUNT DETECTING METHOD OF DEVELOPER BEARING BODY
A		100%
B	$M=B$	80%
C		60%
D	40%	40%
E	30%	
F	25%	
F	20%	$N=D$
G	15%	
G	10%	
H	5%	
H	0%	

*FIG. 13B*

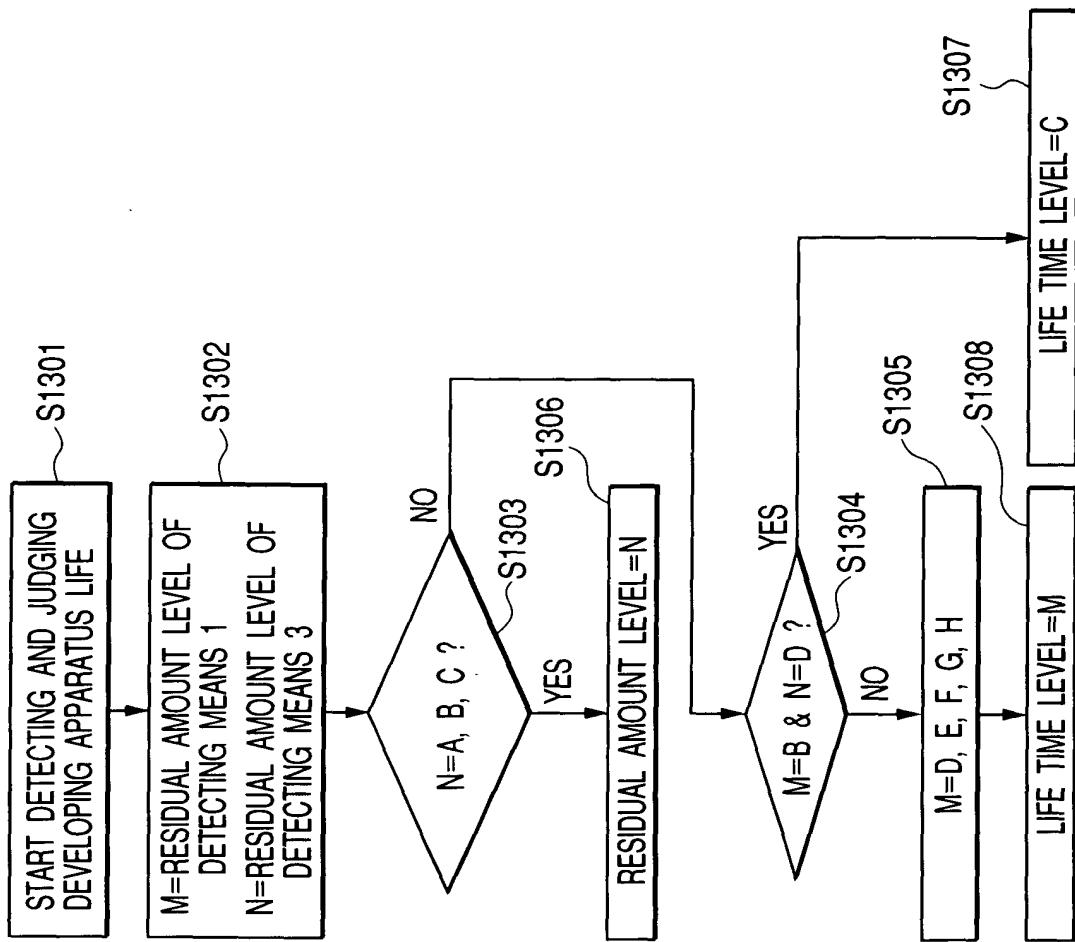


FIG. 14

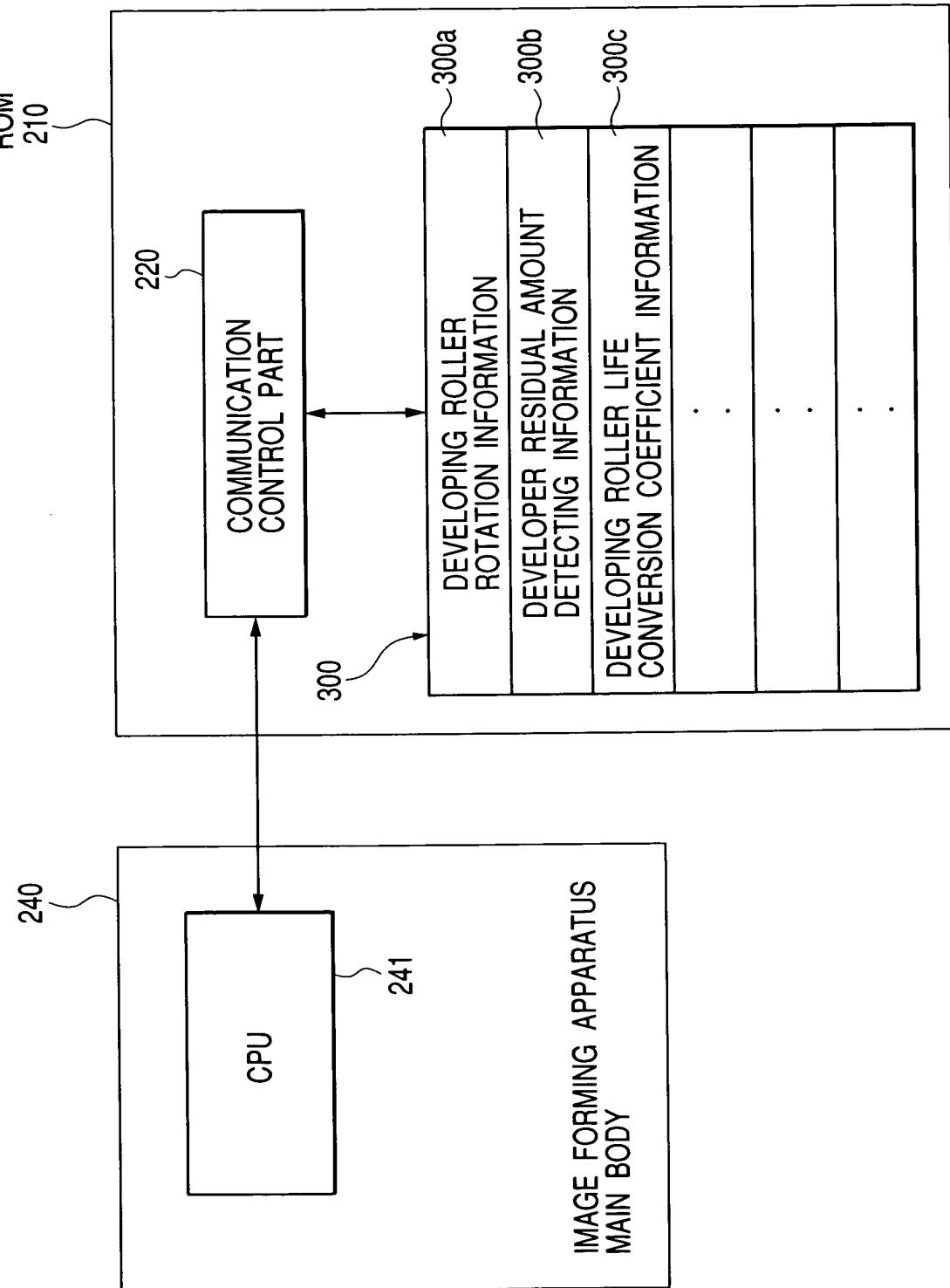
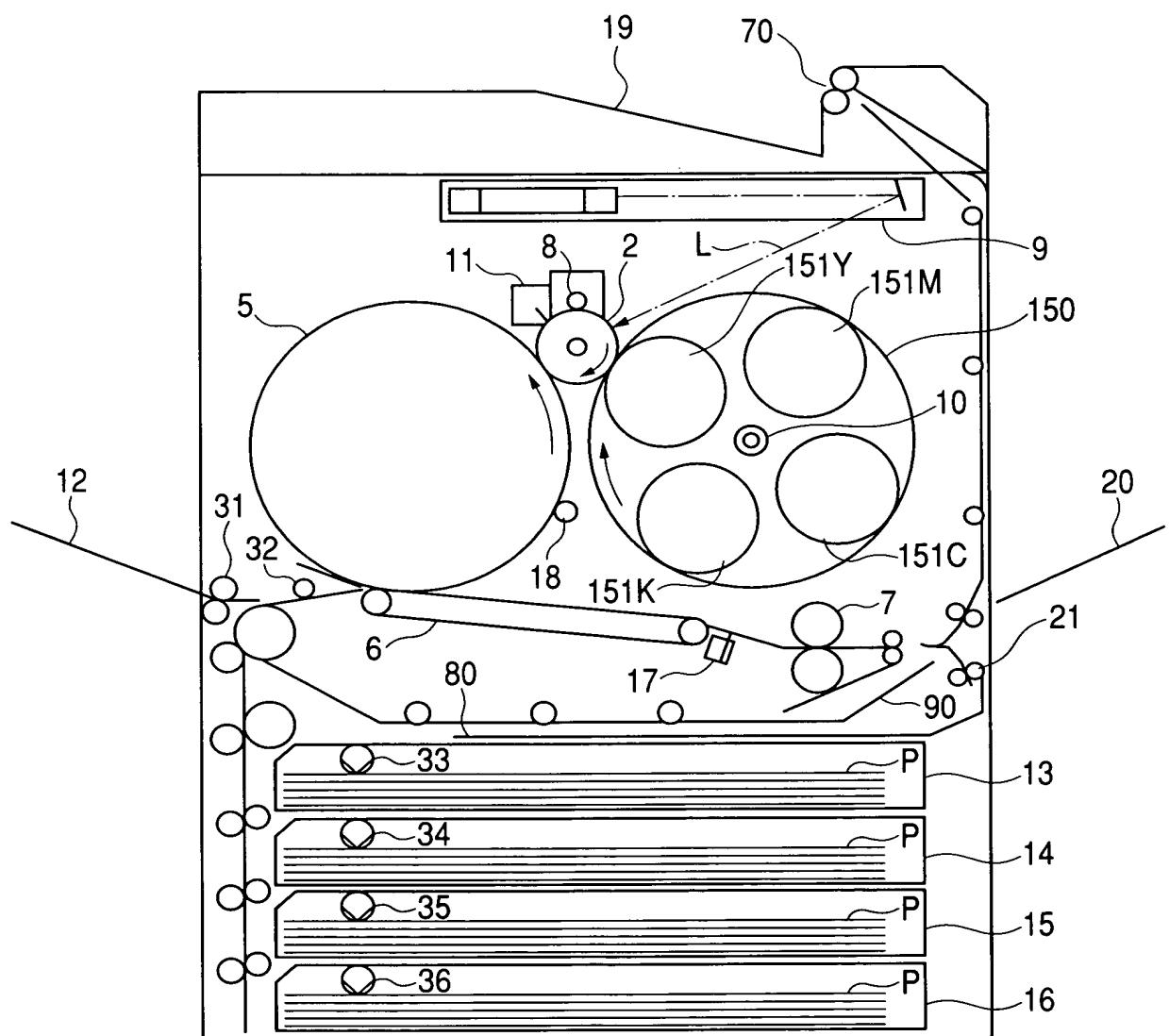
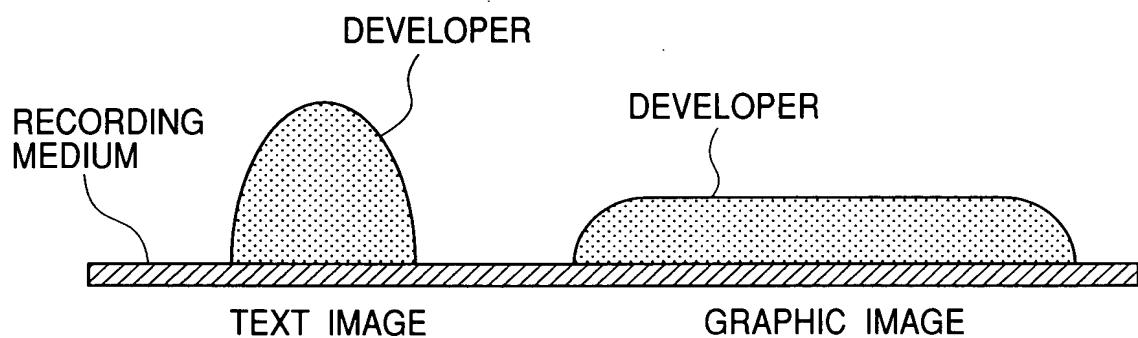


FIG. 15



**FIG. 16**



**FIG. 17**

